

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076904.D
 Acq On : 02 Aug 2023 18:06
 Operator : KP/SY
 Sample : 03886-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 500-1A-1B

Quant Time: Aug 03 01:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

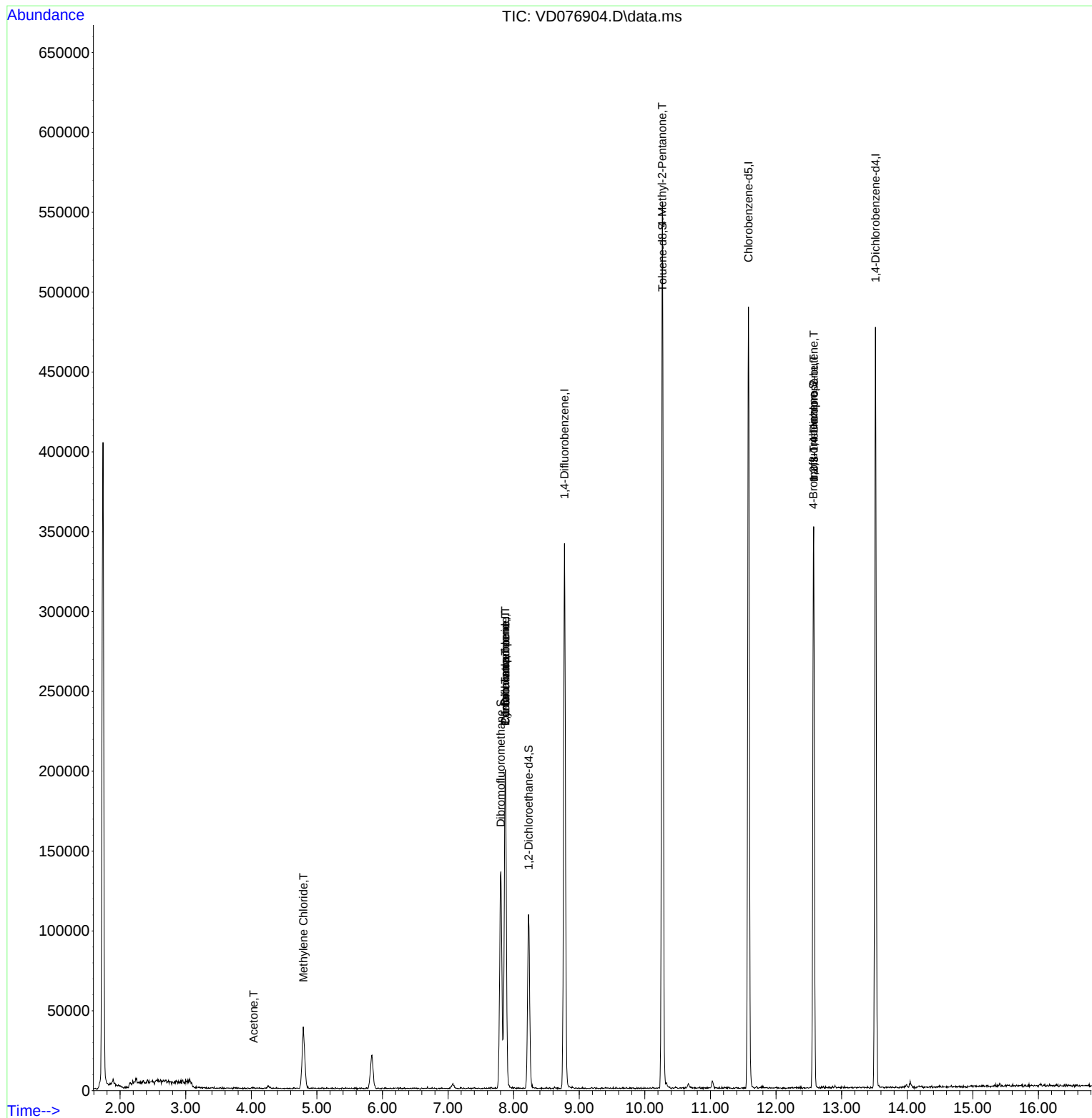
Internal Standards						
1) Pentafluorobenzene	7.875	168	155158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	307084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82993	53.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.400%	
35) Dibromofluoromethane	7.804	113	99681	51.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.269	98	385615	55.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.569	95	109317	48.950	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.900%	
Target Compounds						Qvalue
16) Acetone	4.034	43	468	1.268	ug/l #	32
20) Methylene Chloride	4.793	84	29335	3.839	ug/l #	89
31) Cyclohexane	7.875	56	3449	1.516	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	13232	5.247	ug/l #	49
38) Carbon Tetrachloride	7.875	117	15665	6.488	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	1494	1.275	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	59228	49.310	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	59228	104.943	ug/l #	17

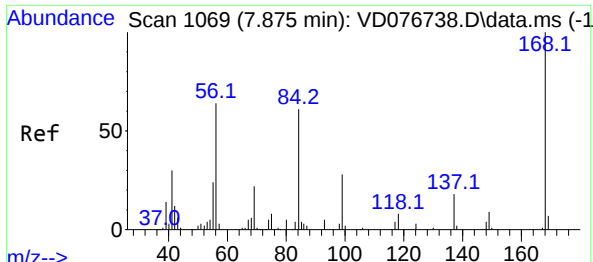
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

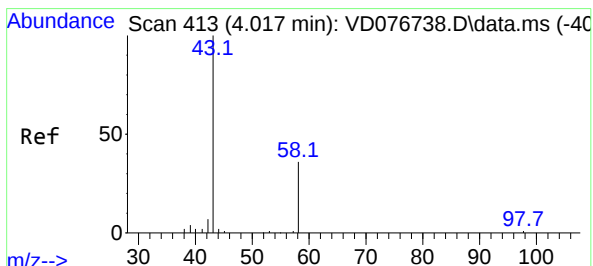
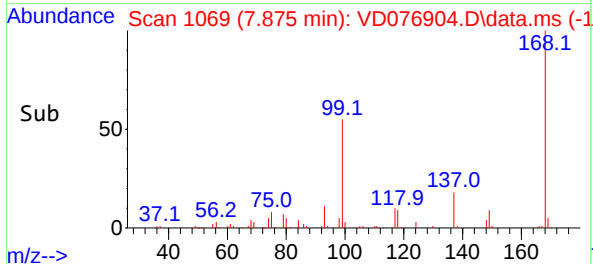
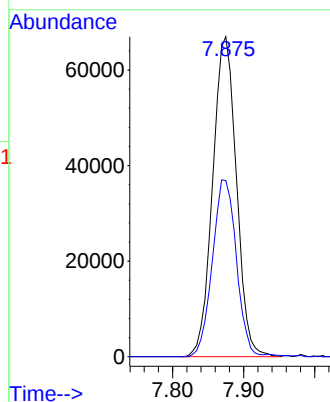
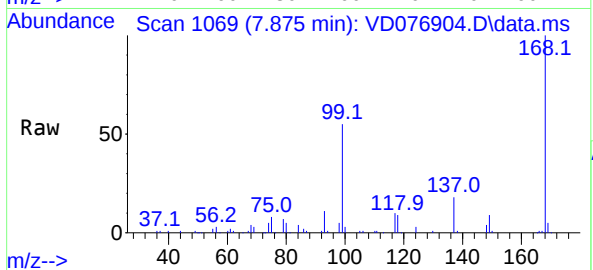




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

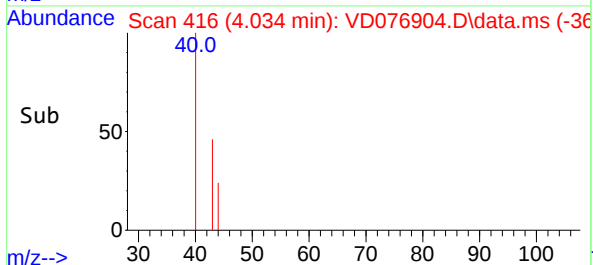
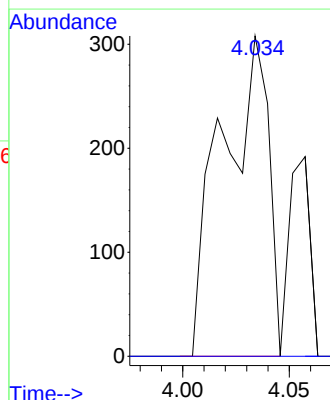
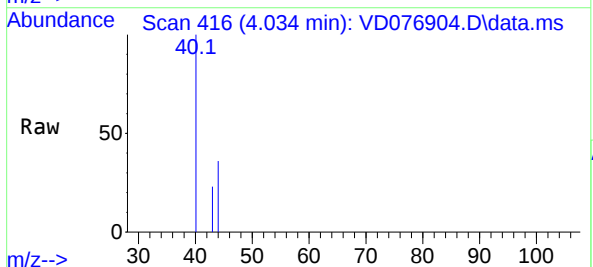
Instrument :
MSVOA_D
ClientSampleId :
500-1A-1B

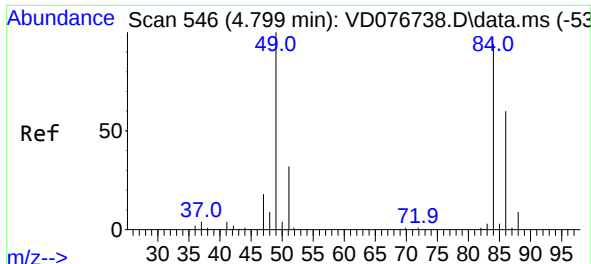
Tgt Ion:168 Resp: 155158
Ion Ratio Lower Upper
168 100
99 55.1 36.7 55.1



#16
Acetone
Concen: 1.268 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

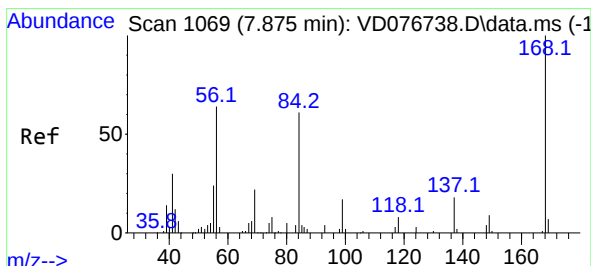
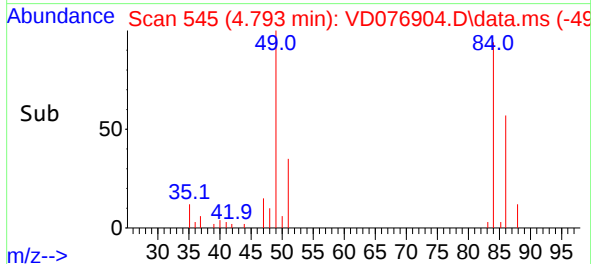
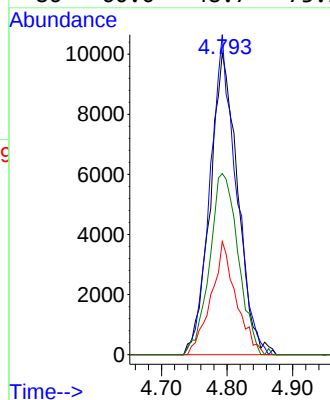
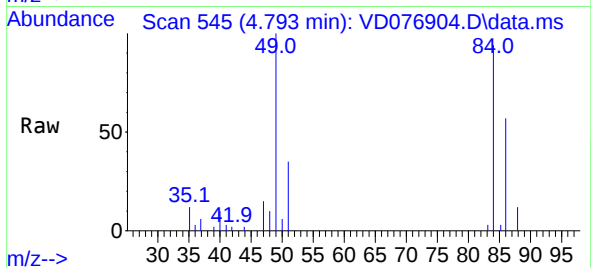




#20
Methylene Chloride
Concen: 3.839 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

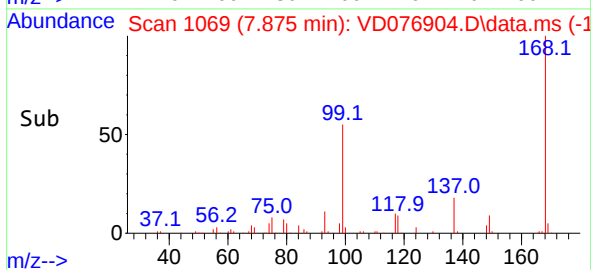
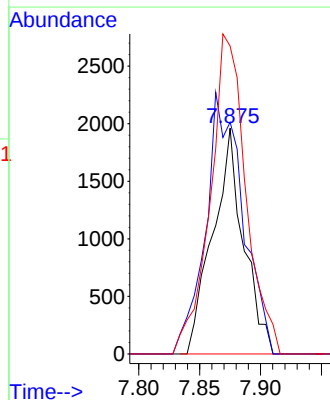
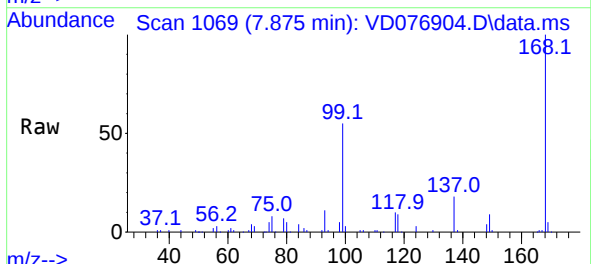
Instrument :
MSVOA_D
ClientSampleId :
500-1A-1B

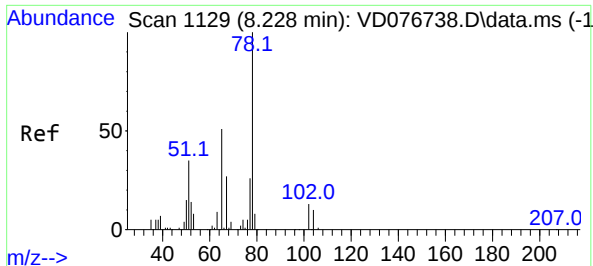
Tgt Ion: 84	Resp: 29335
Ion Ratio	Lower Upper
84 100	
49 106.1	71.4 107.2
51 37.5	24.5 36.7#
86 60.0	48.7 73.1



#31
Cyclohexane
Concen: 1.516 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Tgt Ion: 56	Resp: 3449		
Ion Ratio	Lower	Upper	
56	100		
69	102.7	28.6	43.0#
84	136.4	84.8	127.2#

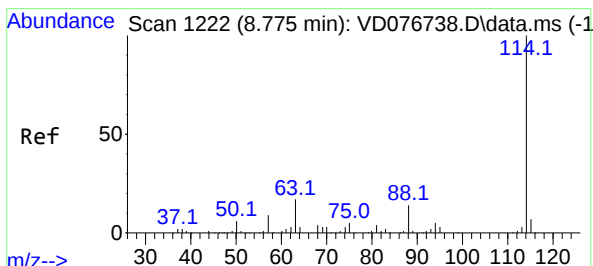
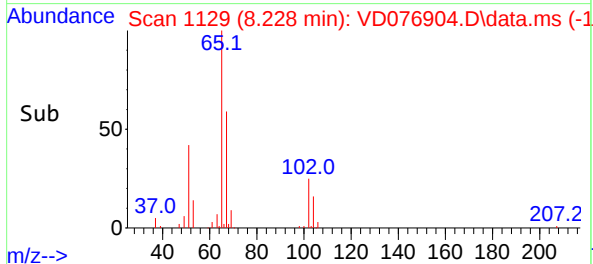
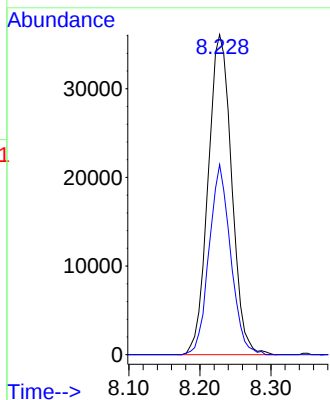
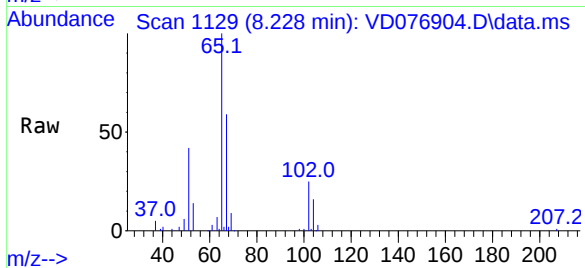




#33
1,2-Dichloroethane-d4
Concen: 53.703 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

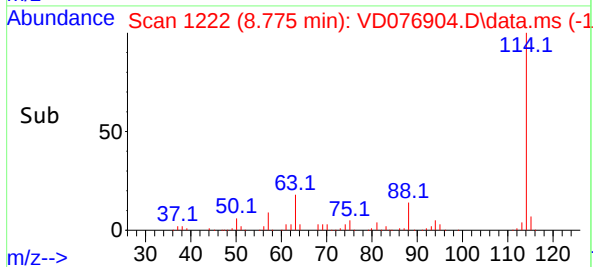
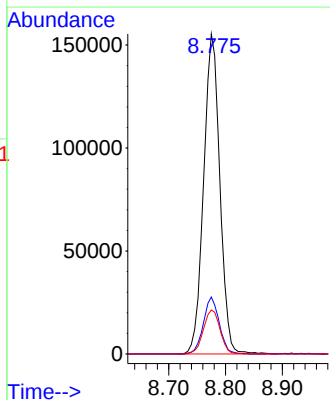
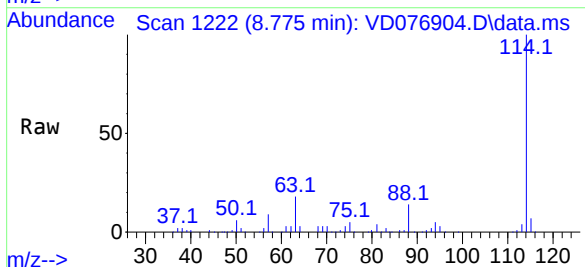
Instrument :
MSVOA_D
ClientSampleId :
500-1A-1B

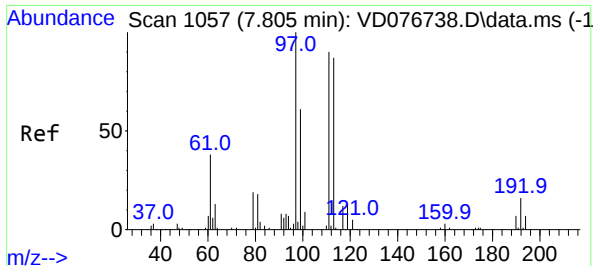
Tgt Ion: 65 Resp: 82993
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Tgt Ion: 114 Resp: 307084
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 13.8 0.0 26.2

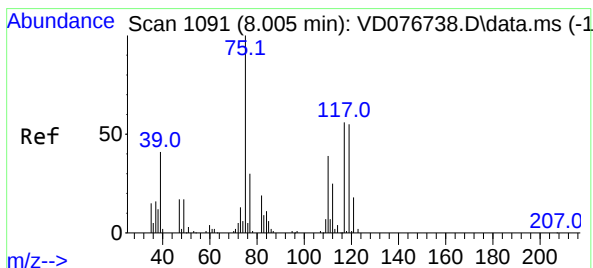
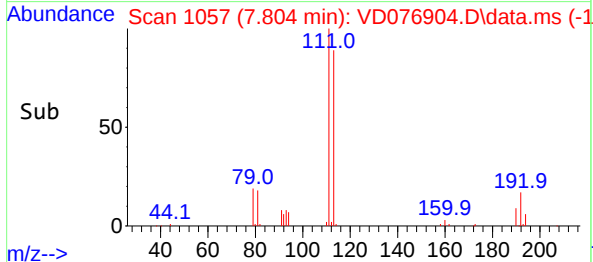
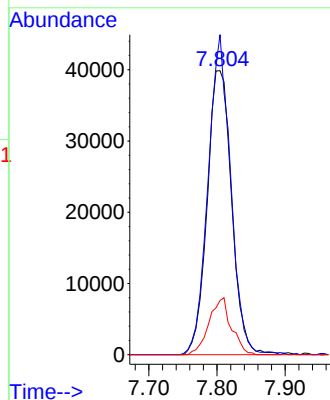
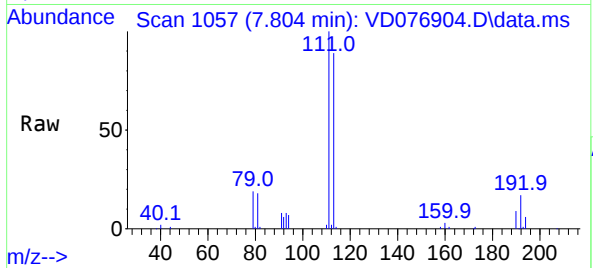




#35
Dibromofluoromethane
Concen: 51.655 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

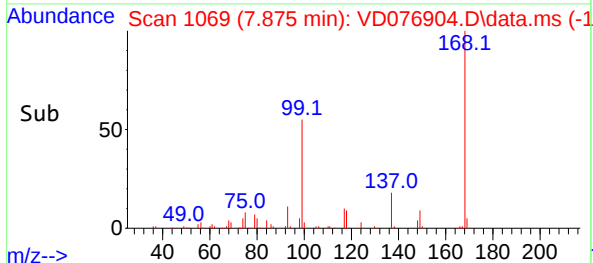
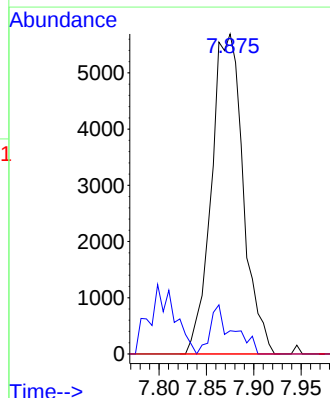
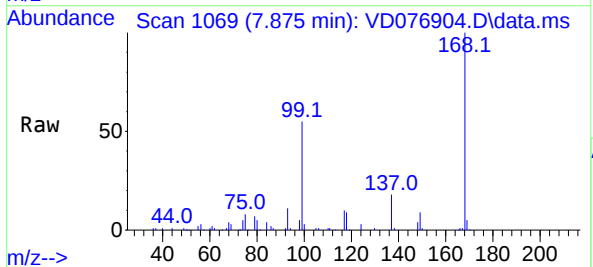
Instrument :
MSVOA_D
ClientSampleId :
500-1A-1B

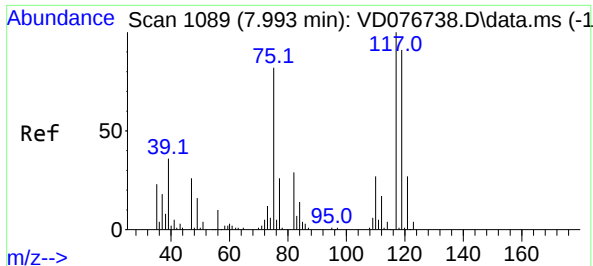
Tgt Ion:113 Resp: 99681
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.247 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

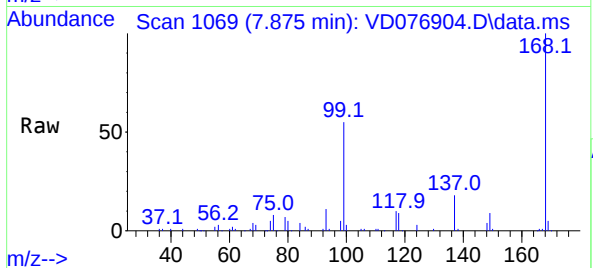
Tgt Ion: 75 Resp: 13232
Ion Ratio Lower Upper
75 100
110 10.8 19.9 59.6#
77 0.0 24.7 37.1#



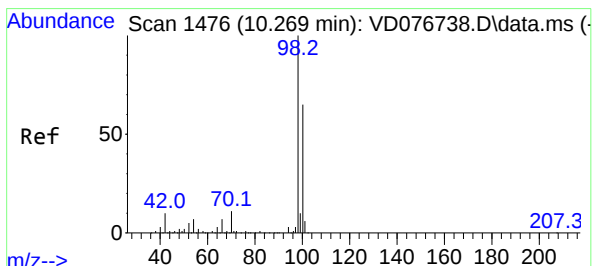
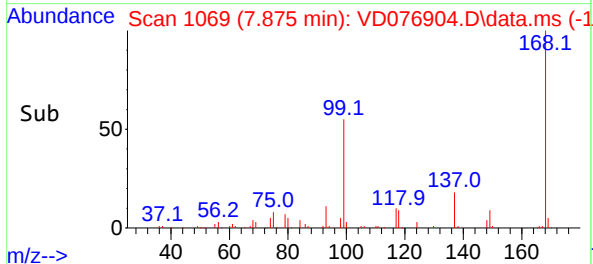
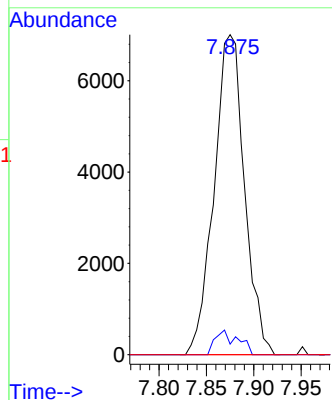


#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
500-1A-1B

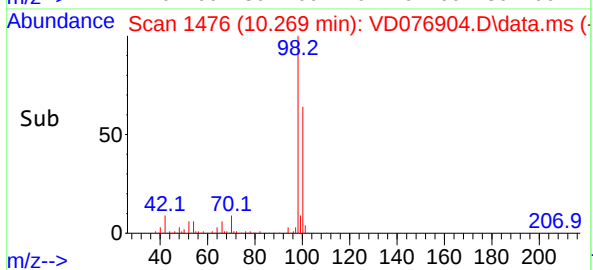
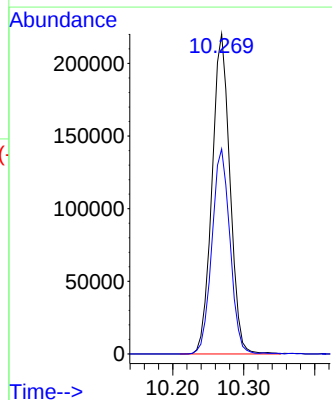
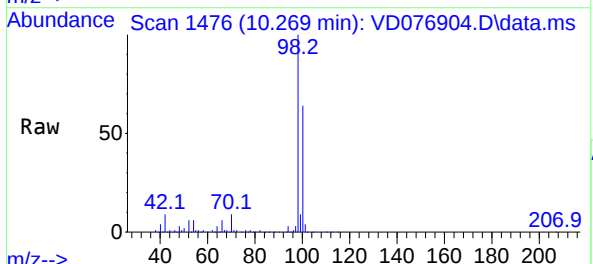


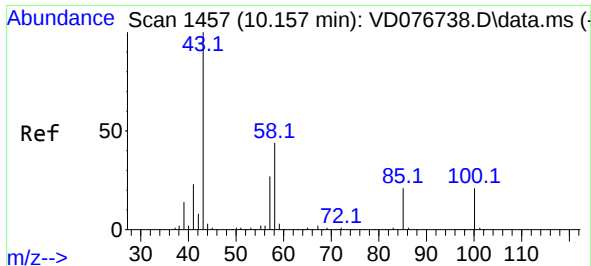
Tgt Ion:117 Resp: 15665
Ion Ratio Lower Upper
117 100
119 3.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.859 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Tgt Ion: 98 Resp: 385615
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.275 ug/l

RT: 10.263 min Scan# 1457

Delta R.T. 0.106 min

Lab File: VD076904.D

Acq: 02 Aug 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

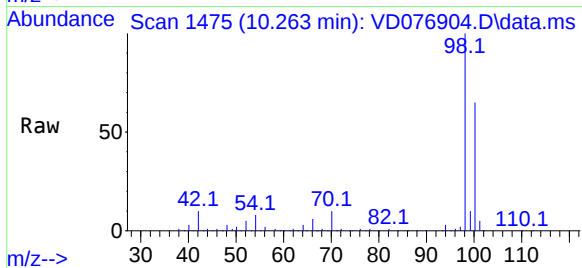
500-1A-1B

Tgt Ion: 43 Resp: 1494

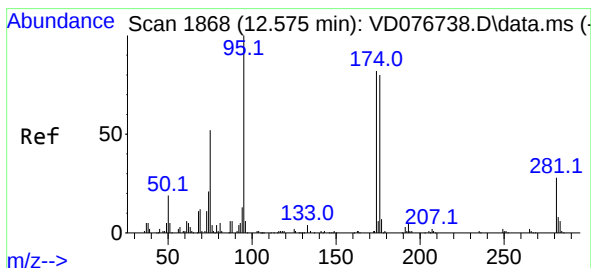
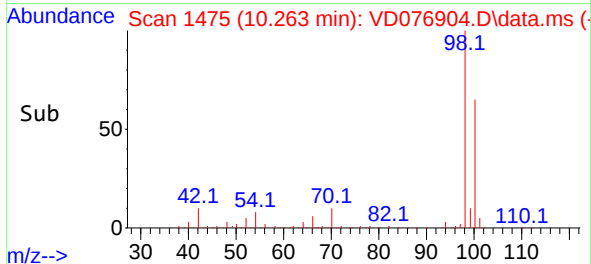
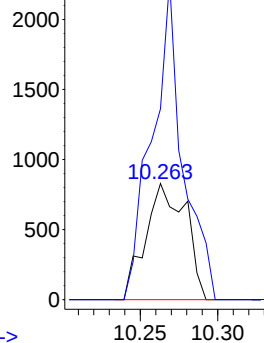
Ion Ratio Lower Upper

43 100

58 208.4 38.9 58.3#



Abundance



#62

4-Bromofluorobenzene

Concen: 48.950 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD076904.D

Acq: 02 Aug 2023 18:06

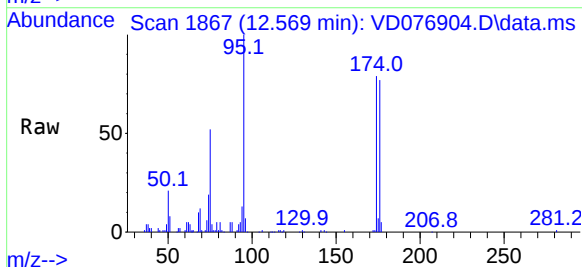
Tgt Ion: 95 Resp: 109317

Ion Ratio Lower Upper

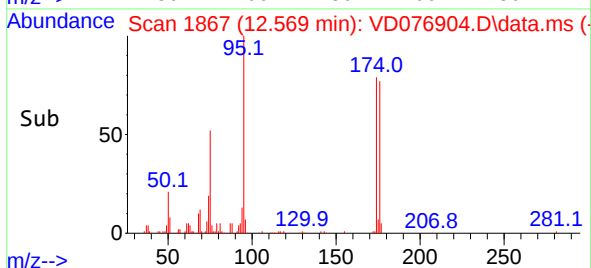
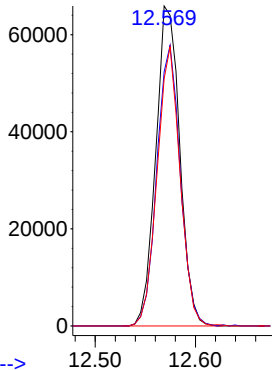
95 100

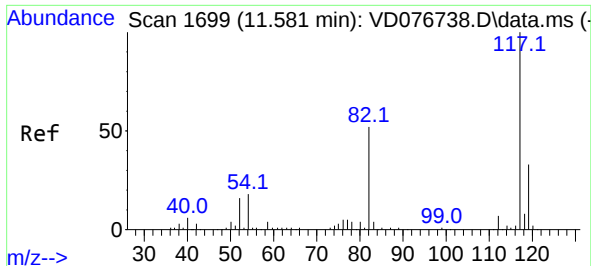
174 85.4 0.0 201.8

176 83.4 0.0 191.8



Abundance

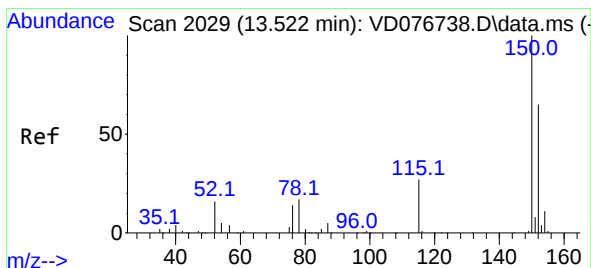
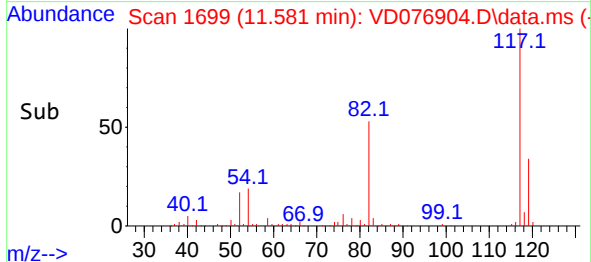
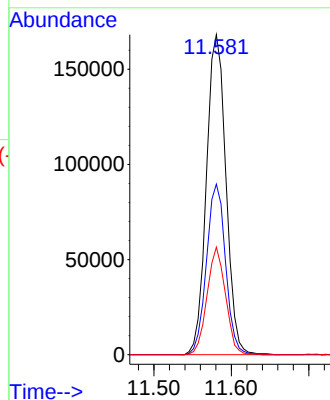
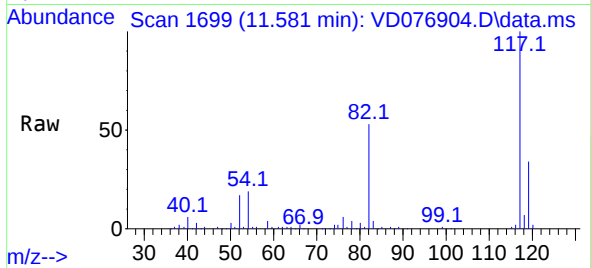




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

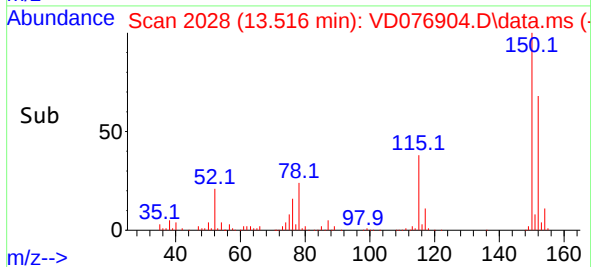
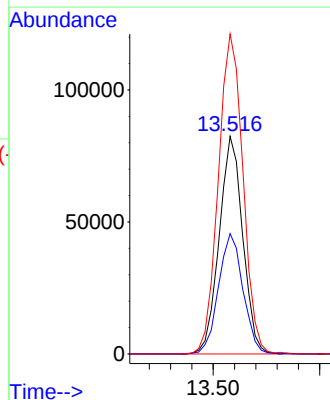
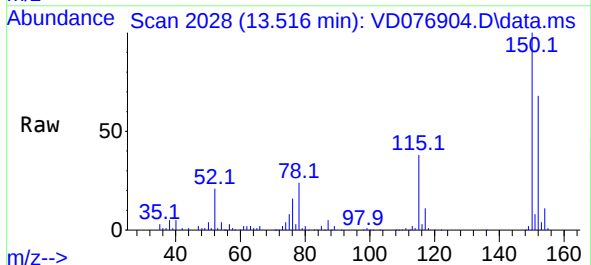
Instrument :
MSVOA_D
ClientSampleId :
500-1A-1B

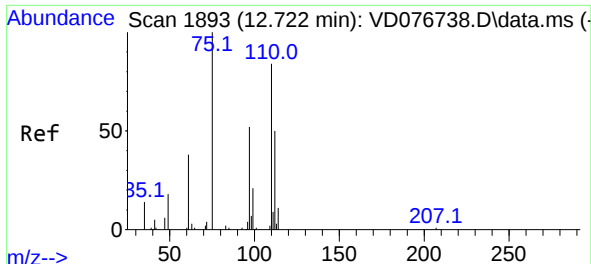
Tgt Ion:117 Resp: 294287
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 33.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Tgt Ion:152 Resp: 126305
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 154.0 0.0 353.6

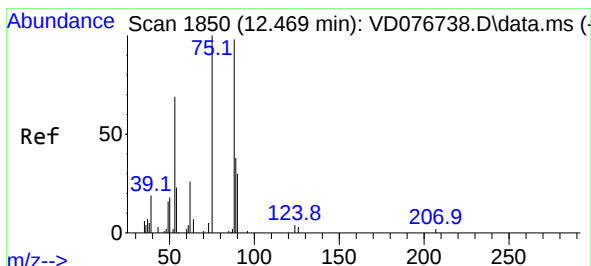
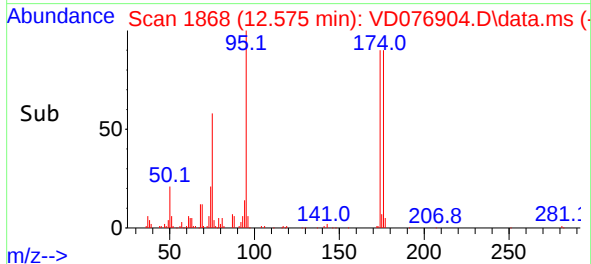
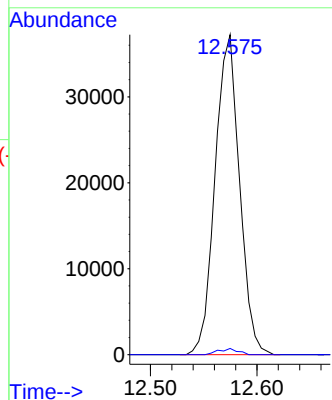
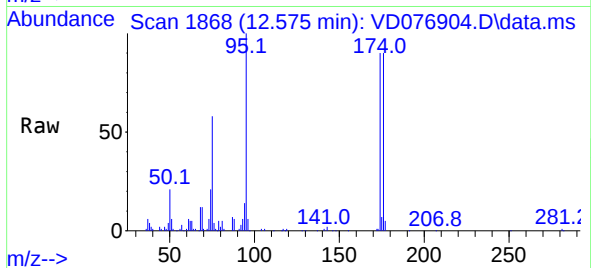




#76
1,2,3-Trichloropropane
Concen: 49.310 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
500-1A-1B

Tgt Ion: 75 Resp: 59228
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.943 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076904.D
Acq: 02 Aug 2023 18:06

Tgt Ion: 75 Resp: 59228
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

